Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Thursday 14 Dec 2023 until 23:59 on Friday 15 Dec 2023

Forecast Issued on Wednesday 13 Dec 2023 at 13:25 by Met Office Aberdeen

Confidence: High for clearing to isolated showers early Thursday, lowering confidence for cloud cover from later Friday, as fronts try to spread some longer spells of rain from the west.

Headline for Thursday 14 Dec 2023: By day isolated showers and brighter spells with severe wind chill at height in strong to gale summit winds.

Mountain weather hazards on Thursday 14 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Light snow	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
80%	70%	40%	20%	10%	10%	10%	10%

Forecast for Thursday 14 Dec 2023

Weather: Periods of snow and rain at first overnight focused in the west, clearing to isolated showers before dawn. Brighter spells and showers through the day, with outbreaks largely confined west of the A9. Snow level around 800m

Chance of cloud-free hill tops above 800m: By day 90% plus

Low Cloud and visibility: Good becoming moderate or poor in rain or showers, very poor in snow and within cloud with bases infrequently lowering 500m at times, chiefly in the west as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 14 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	41/52 S	45/56 S	34/41 SW	35/43 W	32/41 SW	32/40 W	32/40 SW	36/45 W	33/42 SW
900	31/42 S	33/43 S	22/29 SW	22/30 W	22/30 SW	22/30 W	21/29 SW	24/33 W	22/31 SW
600	25/43 S	26/44 SW	15/28 SW	16/29 W	16/29 W	15/28 W	13/25 W	16/30 W	14/27 SW
300	6/18 SW	12/27 SW	5/12 W	8/19 W	8/20 W	8/19 SW	5/13 SW	6/16 W	6/16 SW
Glen	8/20 SW	10/25 SW	5/14 SW	4/10 SW	6/15 SW	7/17 SW	6/18 SW	8/19 SW	8/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-3/-13	-2/-12	-0/-9	-1/-10	-1/-10	-1/-10	-1/-10	-1/-10	-1/-9
900	-1/-10	-0/-9	1/-6	0/-6	1/-6	1/-6	0/-6	0/-6	1/-6
600	0/-7	0/-7	3/-2	2/-3	3/-2	3/-2	3/-2	3/-2	3/-2
300	2/-1	3/-2	3/1	3/0	5/2	5/2	4/2	4/2	4/2
Glen	3/-1	3/-1	3/1	3/1	5/3	5/3	5/2	5/2	5/2
Freezing Level*	500m	700m	1100m	1000m	1000m	1000m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Worst of the weather during the early hours of the morning, but still some difficult conditions at height in west as strong to gale summit winds bring isolated snow showers and severe windchill.

Forecast for Friday 15 Dec 2023

Weather: Mainly dry start with some limited brighter spells. Cloud thickening and lowering to bring some light rain and summit snow for the afternoon, mostly limited to western areas, before dying out during the evening.

Maximum wind: West to southwest winds increasing mean 35-40mph from mid-afternoon with gusts reaching 60mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: 90% plus becoming 50% from mid-day

Low Cloud and visibility: Good becoming moderate or poor in rain or showers, very poor in snow and within cloud with bases infrequently lowering 500m at first, occasionally so from mid-day.

Temperature: **Glens:** Plus 2 Celsius increasing 9 Celsius for the afternoon
At 800m: Plus 1 Celsius increasing 5 Celsius by mid-afternoon
Freezing level: 1000m lifting 1600m

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